

Application For Research Grant

Originally activated on
February 1, 1955

Date:

June 1st, 1957

1. Name of Investigator:

William O. Russell, M.D.

2. Title:

Pathologist-in-Chief

3. Institution
& Address:

University of Texas M. D. Anderson Hospital and
Tumor Institute,
6723 Bertner Drive, Houston 25, Texas.

4. Project or Subject:

Pathologic-Anatomic Study of Cellular Changes in
Human Lungs.

These investigations are part of the group study initiated for the Tobacco Industry Research Committee by Dr. Stanley P. Reisman. They will be concerned with the continued pathologic examination of the tracheobronchial tree by a subserial whole organ technique to ascertain changes occurring there as a result of inhalation of exogenous substances, as may be indicated in this group research program.

5. Detailed Plan of Procedure

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The subserial whole organ technique of examination of the larynx, trachea and tracheobronchial tree has been successfully adapted and demonstrated to be of practical significance for the pathologic-anatomic study of cellular changes in human lungs. Results to date have been most revealing as to the opportunity afforded for examination of, not only the mucosal lining of the entire respiratory tract from the larynx to the tertiary bronchioles, but also, the anatomic relationship to the mucosa of all adjacent tissues.

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6. Budget Plan:

Salaries	2,106.00
Expendable Supplies	892.00
Permanent Equipment	47.00
Overhead	243.00
Other	(85)
Social Security	
Total	3,298.00

7. Anticipated Duration of Work: **Six months**

8. Facilities and Staff Available: **Adequate facilities and staff available.**

9. Additional Requirements: **None.**

10. Additional Information (Including relation of work to other projects and other sources of supply):

1003541041

Signature _____
Director, of **William O. Russell**

Business Officer of the Institution
W. S. Boyd Jr.